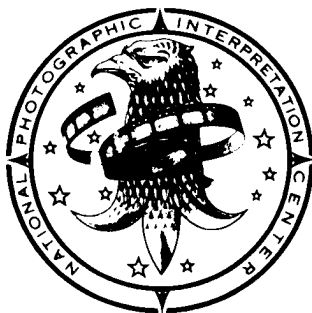


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Summary Report

NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

ALBANIAN COASTAL DEFENSE POSITIONS IDENTIFIED SEPTEMBER AND OCTOBER 1976

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SR-001/77

FEBRUARY 1977

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DISSEMINATION CONTROL ABBREVIATIONS

| | |
|-------------|---|
| NOFORN- | Not Releasable to Foreign Nationals |
| NOCONTRACT- | Not Releasable to Contractors or Contractor/Consultants |
| PROPIN- | Caution-Proprietary Information Involved |
| USIBONLY- | USIB Departments Only |
| ORCON- | Dissemination and Extraction of Information Controlled by Originator |
| REL . . . | This Information has been Authorized for Release to . . . |

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Construction of Hardened Coastal Defense Positions Along the Adriatic Coast of Albania

Thirty-three coastal defense positions and 15 probable coastal defense positions were identified along the Albanian Coast [REDACTED] (Figure 1). These positions are similar in size and configuration to those observed in the People's Republic of China.*

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Of these 33 coastal defense positions, nine are complete, six were in the late stages of construction, ten were in the midstage of construction, and eight were in the early stages of construction. Of the 15 probable coastal defense positions, nine are complete, one was in the midstage of construction, and five were in the early stages of construction.

Each position is constructed on commanding terrain and comprises four concrete, arch-roofed bunkers constructed in hillside revetments (Figure 2). The bunkers are approximate- [REDACTED] with a heavy concrete, earth-retaining flange at the front. The completed bunkers are earth covered and planted over with vegetation, which blends into the surrounding terrain. A probable concrete pad has been constructed in front of some bunkers and, in some instances, these pads are bordered by earthen revetments. An unidentified field artillery piece was observed on a pad at one of the positions.

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The largest concentration of these coastal defense positions is approximately 3 nm south-southwest of Fier. This concentration, centered around 40-46-20N 019-31-00E, is along the western flank of the mountain range between the Osum and Vijose Rivers. Eleven confirmed and six probable coastal defense positions are in this area.

All of the positions are oriented toward the Adriatic Sea with the exception of the five to the north, which overlook Lake Scutari and the western portion of the Albanian/Yugoslavian Border.

Approximately two-thirds of the Albanian Coast and western Albanian/Yugoslavian Border was covered by the combined photography [REDACTED] Photography was not obtained during this timeframe for the following coastal areas and western border area, respectively: between 39-41-10N and 40-10-50N; between 41-28-15N and 41-50-20N; and between 42-24-50N and 42-39-40N. It is highly possible that additional coastal defense positions are in these areas.

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*CIA. [REDACTED] *China's Strongpoint Defenses: Capabilities and Role in Ground Defense Strategy*, Apr 74 (TOP SECRET)

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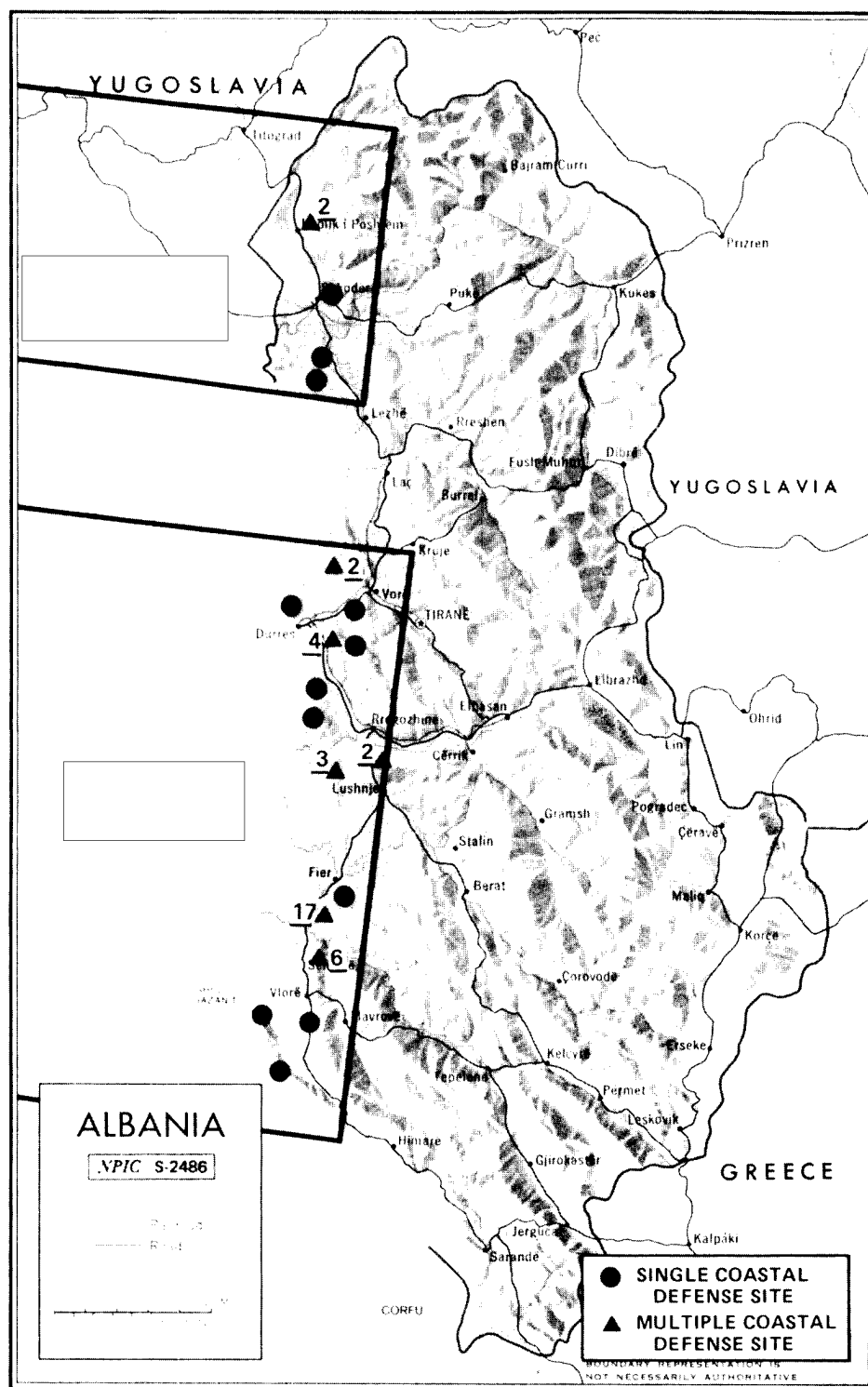


FIGURE 1. LOCATIONS OF COASTAL DEFENSE POSITIONS IN ALBANIA

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List of Conversion Factors by Classification

UNITS OF LENGTH

| <i>IF YOU HAVE</i> | <i>MULTIPLY BY</i> | <i>TO OBTAIN</i> |
|--------------------|--------------------|------------------|
| MILLIMETERS | 0.0394 | INCHES |
| CENTIMETERS | 0.3937 | INCHES |
| INCHES | 25.4000 | MILLIMETERS |
| INCHES | 2.5400 | CENTIMETERS |
| FEET | 0.3048 | METERS |
| FEET | 0.0003 | KILOMETERS |
| YARDS | 0.9144 | METERS |
| METERS | 3.2808 | FEET |
| METERS | 0.0005 | MILES(NAUTICAL) |
| METERS | 1.0936 | YARDS |
| KILOMETERS | 3280.8400 | FEET |
| KILOMETERS | 0.6214 | MILES(STATUTE) |
| KILOMETERS | 0.5400 | MILES(NAUTICAL) |
| MILES(STATUTE) | 1.6093 | KILOMETERS |
| MILES(NAUTICAL) | 6076.1154 | FEET |
| MILES(NAUTICAL) | 1.8520 | KILOMETERS |
| MILES(NAUTICAL) | 1852.0000 | METERS |

UNITS OF MASS

| <i>IF YOU HAVE</i> | <i>MULTIPLY BY</i> | <i>TO OBTAIN</i> |
|--------------------|--------------------|------------------|
| KILOGRAMS | 2.2046 | POUNDS(AVOIR.) |
| POUNDS(AVOIR.) | 0.4536 | KILOGRAMS |
| SHORT TONS | 0.9072 | METRIC TONS |
| METRIC TONS | 1.1023 | SHORT TONS |
| METRIC TONS | 0.9842 | LONG TONS |
| LONG TONS | 1.0160 | METRIC TONS |

UNITS OF VOLUME

| <i>IF YOU HAVE</i> | <i>MULTIPLY BY</i> | <i>TO OBTAIN</i> |
|--------------------|--------------------|------------------|
| LITERS | 0.2642 | GALLONS |
| LITERS | 0.0063 | BARRELS(POL) |
| LITERS | 0.0010 | CUBIC METERS |
| GALLONS | 3.7854 | LITERS |
| GALLONS | 0.1337 | CUBIC FEET |
| GALLONS | 0.0238 | BARRELS(POL) |
| GALLONS | 0.0038 | CUBIC METERS |
| BUSHELS | 0.0352 | CUBIC METERS |
| CUBIC FEET | 7.4805 | GALLONS |
| CUBIC FEET | 0.1781 | BARRELS(POL) |
| CUBIC FEET | 0.0283 | CUBIC METERS |
| CUBIC YARDS | 0.7646 | CUBIC METERS |
| BARRELS(POL) | 158.9873 | LITERS |
| BARRELS(POL) | 42.0000 | GALLONS |
| BARRELS(POL) | 5.6146 | CUBIC FEET |
| BARRELS(POL) | 0.1590 | CUBIC METERS |
| CUBIC METERS | 1000.0000 | LITERS |
| CUBIC METERS | 264.1721 | GALLONS |
| CUBIC METERS | 35.3147 | CUBIC FEET |
| CUBIC METERS | 28.3776 | BUSHELS |
| CUBIC METERS | 6.2898 | BARRELS(POL) |
| CUBIC METERS | 1.3080 | CUBIC YARDS |

UNITS OF AREA

| <i>IF YOU HAVE</i> | <i>MULTIPLY BY</i> | <i>TO OBTAIN</i> |
|--------------------|--------------------|--------------------|
| SQUARE CENTIMETERS | 0.1550 | SQUARE INCHES |
| SQUARE INCHES | 6.4516 | SQUARE CENTIMETERS |
| SQUARE FEET | 0.0929 | SQUARE METERS |
| SQUARE YARDS | 0.8361 | SQUARE METERS |
| SQUARE METERS | 10.7639 | SQUARE FEET |
| SQUARE METERS | 1.1960 | SQUARE YARDS |
| SQUARE METERS | 1.0000 | CENTARES |
| SQUARE METERS | 0.0002 | ACRES |
| SQUARE METERS | 0.0001 | HECTARES |
| ACRES | 4046.8564 | SQUARE METERS |
| ACRES | 0.4047 | HECTARES |
| HECTARES | 10000.0000 | SQUARE METERS |
| HECTARES | 2.4711 | ACRES |

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